

**IN THE TITLE:**

Please replace the title with the following:

--A SEPARATOR DISC FOR A CENTRIFUGE AND A METHOD OF INCREASING THE SEPARATION EFFECT OF THE SEPARATOR DISC--.

**AMENDMENTS TO THE SPECIFICATION:**

Please amend the specification with the replacement paragraphs as follows:

**[00017]** Figure 1 is a schematic representation of a method of operation of separator discs according to the present disclosure, and ~~isn't~~an example of a coating on the separator disc. Figure 1 should be understood to be an example of a treatment. Instead of being generated by surfaces coatings, a changing of surface energy can also be generated by other types of treatment, such as by diffusing another material into the material of the separator discs.